

## CLAIMS

1. A digital camera comprising;

an electronic flash device that radiates light toward an  
5 object to be photographed;

a white-balance sensor for performing a white-balance  
adjustment, said white-balance sensor and said electronic flash  
device being connected to each other; and

a rotating mechanism that rotates said white-balance sensor  
10 and said electronic flash device to selectively make one of said  
electronic flash device and said white-balance sensor face said  
object.

2. A digital camera according to claim 1, wherein said electronic  
flash device and said white-balance sensor form a rotatable body.

15 3. A digital camera according to claim 1, further comprising,  
a photographing optical system;

a zooming system that adjusts the focal length of said  
photographing optical system; and

a moving mechanism that moves said white-balance sensor and  
20 said electronic flash device in a direction parallel to the optical  
axis of said photographing optical system, in accordance with said  
focal length.

4. A digital camera according to claim 3, wherein the shorter  
said focal length, the closer said white-balance sensor and said  
25 electronic flash device are to said object.

5. A digital camera according to claim 3, further comprising,  
a lens barrel that is rotated so that said zooming system  
adjusts said focal length;

a cam plate that has grooves with which said white-balance  
5 sensor, said electronic flash device, and said photographing  
optical system are engaged, and that moves in a direction  
perpendicular to said optical axis in association with a rotation  
of said lens barrel, to function as both said zooming system and  
said moving mechanism.

10 6. A digital camera according to claim 1, wherein said white  
balance sensor is set to face said object when said digital camera  
is actuated.

7. A digital camera according to claim 1, further comprising  
a light-emitting lens that is arranged in front of said  
15 white-balance sensor and said electronic flash device.